

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,878  
Source: Pyg  
Date Processed by STIC: 2/24/06

***ENTERED***



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/533,878

DATE: 02/24/2006

TIME: 12:43:31

Input Set : A:\2005-11-14\_0760-0346PUS1.ST25.txt

Output Set: N:\CRF4\02242006\J533878.raw

2 <110> APPLICANT: TAKAHASHI Hiroshi  
 3 HANADA Shuichi  
 4 SUNAGA Makoto  
 6 <120> TITLE OF INVENTION: METHOD OF EXAMINING CANCER CELLS AND REAGENT THEREFOR  
 8 <130> FILE REFERENCE: 0760-0346PUS1  
 10 <140> CURRENT APPLICATION NUMBER: US 10/533,878  
 11 <141> CURRENT FILING DATE: 2005-05-05  
 13 <160> NUMBER OF SEQ ID NOS: 17  
 15 <170> SOFTWARE: patentin 3.2  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 20  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Artificial Sequence  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Oligonucleotide forward primer used in inverse PCR for amplifying  
 24 a region of HTLV-1 gene  
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 29 <210> SEQ ID NO: 2  
 30 <211> LENGTH: 20  
 31 <212> TYPE: DNA  
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 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: Oligonucleotide reverse primer used in inverse PCR for amplifying  
 36 a region of HTLV-1 gene  
 38 <400> SEQUENCE: 2  
 39 aagtaccggc aactctgctg 20  
 41 <210> SEQ ID NO: 3  
 42 <211> LENGTH: 20  
 43 <212> TYPE: DNA  
 44 <213> ORGANISM: Artificial Sequence  
 46 <220> FEATURE:  
 47 <223> OTHER INFORMATION: Oligonucleotide forward primer used in inverse PCR for amplifying  
 48 a region of HTLV-1 gene  
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 53 <210> SEQ ID NO: 4  
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 55 <212> TYPE: DNA  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:

59 <223> OTHER INFORMATION: Oligonucleotide reverse primer used in inverse PCR for  
amplifying  
60 a region of HTLV-1 gene

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63 ccagcgacag cccattctat                                     20
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67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Oligonucleotide probe used for detecting a region of HTLV-1
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73 <400> SEQUENCE: 5
74 ctccaggaga gaaatttagt acac                                     24
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Oligonucleotide forward primer used for measuring pX gene in
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83      V-1 gene
85 <400> SEQUENCE: 6
86 ttccccagggt ttggacagag                                     20
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 20
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Oligonucleotide reverse primer used for measuring pX gene in
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95      V-1 gene
97 <400> SEQUENCE: 7
98 cgaagatagt cccccagaga                                     20
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 25
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Oligonucleotide TaqMan probe used for measuring pX gene in
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109 <400> SEQUENCE: 8
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112 <210> SEQ ID NO: 9
113 <211> LENGTH: 20
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
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121 <400> SEQUENCE: 9
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124 <210> SEQ ID NO: 10
125 <211> LENGTH: 20

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126 <212> TYPE: DNA

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127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Oligonucleotide reverse primer used for measuring beta-
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131      e
133 <400> SEQUENCE: 10
134 caacttcatc cacgttcacc
136 <210> SEQ ID NO: 11
137 <211> LENGTH: 25
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Oligonucleotide probe used for measuring beta-globin gene
144 <400> SEQUENCE: 11
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147 <210> SEQ ID NO: 12
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152 <220> FEATURE:
153 <223> OTHER INFORMATION: Oligonucleotide forward primer used for measuring PCD1 gene
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158 <210> SEQ ID NO: 13
159 <211> LENGTH: 26
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Oligonucleotide reverse primer used for measuring PCD1 gene
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170 <211> LENGTH: 27
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174 <220> FEATURE:
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181 <211> LENGTH: 19
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Oligonucleotide forward primer used for measuring 4F2 gene
188 <400> SEQUENCE: 15
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191 <210> SEQ ID NO: 16
192 <211> LENGTH: 20
193 <212> TYPE: DNA

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194 <213> ORGANISM: Artificial Sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: Oligonucleotide reverse primer used for measuring 4F2 gene  
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202 <210> SEQ ID NO: 17  
203 <211> LENGTH: 28  
204 <212> TYPE: DNA  
205 <213> ORGANISM: Artificial Sequence  
207 <220> FEATURE:  
208 <223> OTHER INFORMATION: Oligonucleotide TaqMan probe used for measuring 4F2 gene  
210 <400> SEQUENCE: 17  
211 cgactctacc agctgatgct cttcaccc 28

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/533,878

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Input Set : A:\2005-11-14 0760-0346PUS1.ST25.txt

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